

# Talha İsmail Dilek

## Information Systems Engineering Student



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### Profile

Third-year Information Systems Engineering student with a focus on analytics, data science, and distributed systems.

Experienced in SQL, Python (Pandas, NumPy), Excel, Power BI, Tableau, and cloud platforms (Azure, AWS).

Actively exploring AI/ML and distributed systems to build scalable solutions. Open to internship opportunities to contribute and grow in real-world data projects.

### Education

**B.Sc. in Information Systems Engineering**

2022 – 2026

Mehmet Akif Ersoy University

### Skills & Tools

- |                      |                          |                       |
|----------------------|--------------------------|-----------------------|
| • SQL                | • Python (Pandas, NumPy) | • Excel               |
| • Power BI           | • Tableau                | • Docker              |
| • Git                | • Azure / AWS            | • Data Cleaning       |
| • Data Visualization | • Data Storytelling      | • Distributed Systems |

### Languages

- |                    |                    |
|--------------------|--------------------|
| • English (Fluent) | • Turkish (Native) |
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### Projects

#### Excel Data Analysis

Analyzed and visualized bike shop customer data in Excel, creating an interactive dashboard for customer segmentation based on demographics, commute distance, and region using PivotTables and slicers.

#### SQL Data Cleaning

Cleaned and standardized raw datasets using SQL, correcting data types, removing duplicates, handling NULL values, and creating clean views to ensure data integrity for reliable analysis.

#### SQL Exploratory Data Analysis

Analyzed company layoff data to uncover trends in layoff totals and timings across different industries, countries, and company stages between 2020 and 2023.

#### Airbnb Dashboard in Tableau

Developed an interactive Tableau dashboard visualizing Seattle Airbnb data to inform pricing strategies, revenue optimization, and booking decisions.

**More projects and details are available on my GitHub and portfolio website.**